

AMENDMENTS TO THE CLAIMS

1-13. (Canceled)

14. (Currently Amended) An eyeglass, comprising:

a frame, wherein the frame is configured to support at least one lens in a user's field of view when worn by the user, the frame comprising:

at least one speaker support, wherein the at least one speaker support is coupled to the frame with a coupling; and

a speaker supported by the at least one speaker support,

wherein the speaker support is configured such that the speaker may be pivoted over a predetermined distance with respect to the frame to position the speaker adjacent the user's ear when worn by the user;

at least one interactive electronic device supported by the frame; and

at least one lens configured to have electronic variable light attenuation supported by the frame.

15. (Original) An eyeglass in accordance with Claim 14, wherein the interactive electronics device comprises an audio interface for a cellular phone.

16. (Original) An eyeglass in accordance with Claim 14, wherein the interactive electronics device comprises a user operable switch supported by the frame and electronic device controlled by the switch.

17. (Currently Amended) An eyeglass in accordance with Claim 14, wherein the at least one lens comprises a plurality of spaced substrates, a dichroic dye disposed between the substrates, and a first power source configured to alter an orientation of the dichroic dye.

18. (Original) An eyeglass in accordance with Claim 17, wherein the frame comprises at least a first ear stem, the power source being disposed in the ear stem.

19. (Original) An eyeglass in accordance with Claim 18 additionally comprising a second ear stem, at least a portion of the interactive electronic device being disposed in the second ear stem.

20. (Original) An eyeglass in accordance with Claim 19 additionally comprising a second power source for powering the interactive electronic device disposed in the second ear stem, the first power source being disposed in the first ear stem.

21. (Original) An eyeglass in accordance with Claim 20 additionally comprising a first user operable switch disposed in the first ear stem and configured to control the first power source and the second user operable switch disposed in the second ear stem and configured to control the interactive electronic device.

22. (Currently Amended) An eyeglass comprising:

an interactive audio device,

at least a first lens,

a frame supporting the interactive audio device, the frame including at least a first lens support supporting the first lens, the first lens support being configured to allow the first lens to pivot relative to the frame between at least first and second positions, wherein the lens provides a first magnitude of light attenuation when the first lens is in a first position and less light attenuation when the first lens is pivoted to the second position; and

at least one speaker supported by the frame with a speaker support, wherein the speaker support is configured to allow the speaker to be pivoted over a predetermined distance with respect to the frame to rigidly position the speaker adjacent the user's ear when worn by the user.

23. (Previously presented) The eyeglass according to Claim 22 additionally comprising at least one audio transducer supported by the frame in at least a first position in which the audio transducer directs sound energy toward the ear of a wearer wearing the eyeglass.

24. (Previously presented) The eyeglass according to Claim 23 additionally comprising a boom supporting the audio transducer from the frame, the boom having a forward end supported by the frame and a rearward end connected to the audio transducer.

25. (Previously presented) The eyeglass according to Claim 24, wherein the forward end of the boom is connected to the frame with a connector that is configured to allow the forward end of the boom to translate forwardly and rearwardly relative to the frame.

26. (Previously presented) The eyeglass according to Claim 25, wherein the forward end of the boom is connected to the frame with a connector that is configured to allow the forward end of the boom to pivot relative to the frame about an axis that is generally parallel to a line of sight of a wearer of the eyeglass.

27. (Previously presented) The eyeglass according to Claim 22, wherein the support is configured to allow the first lens to be pivoted about an axis generally perpendicular to vertical when a wearer is wearing the eyeglass.

28. (Previously presented) The eyeglass according to Claim 22 additionally comprising a second polarized lens supported by the frame so as to be stationary relative to and in alignment with the first lens, wherein the first lens is also polarized.

29. (Previously presented) The eyeglass according to Claim 22, wherein the interactive audio device comprises an MP3 audio player.

30. (Previously presented) An eyeglass in accordance with Claim 14, wherein the at least one interactive electronic device is positioned within a cavity within the frame.

31. (Previously presented) An eyeglass in accordance with Claim 30, wherein said interactive electronic device comprises an MP3 player.

32. (Previously presented) The eyeglass according to Claim 22, wherein the interactive audio device is positioned within a cavity within the frame.

33. (Previously presented) An eyeglass in accordance with Claim 29, wherein said interactive audio device is positioned within a cavity within the frame.

34. (Previously presented) An eyeglass in accordance with Claim 14, wherein the coupling comprises a guide pin coupled to the speaker support.

35. (Previously presented) An eyeglass in accordance with Claim 14, further comprising a printed circuit board supported by the frame, wherein an electrical conduit extends from the speaker through the speaker support and frame to the printed circuit board when the eyeglass is worn by the user.

36. (Previously presented) The eyeglass according to Claim 22, wherein the speaker support comprises a guide pin coupled to the frame.

37. (Previously presented) The eyeglass according to Claim 22, further comprising a printed circuit board supported by the frame, wherein an electrical conduit extends from the speaker through the speaker support and frame to the printed circuit board when the eyeglass is worn by the user.

38. (Currently Amended) An eyeglass, comprising:

a frame configured to support at least one lens in a user's field of view when worn by the user, the frame having at least a first ear stem and a second ear stem;

at least one lens supported by the frame, the at least one lens comprising at least one variable light attenuation assembly configured to change its attenuation of visible light in accordance with an electronic control signal;

at least first and second speakers supported by the frame with respective first and second speaker supports, wherein the respective ones of the first and second speaker supports are configured to allow the first speaker to be pivoted over a predetermined distance with respect to the frame to rigidly position the first speaker adjacent to a first ear of the user and the second speaker to be pivoted over a predetermined distance with respect to the frame to rigidly position the second speaker adjacent to a second ear of the user when worn by the user;

at least one button supported by the frame, wherein the button is configured to allow the user to actuate the button;

a wireless transceiver supported by the frame, wherein the wireless transceiver is configured to wirelessly receive a first wireless signal from a source and to wirelessly transmit a second wireless signal, wherein the wireless transceiver is configured to output a transceiver output signal based upon the first wireless signal;

an interface supported by the frame, wherein the interface is configured to receive the transceiver output signal and provide a speaker signal to at least the first speaker, wherein the speaker signal comprises an analog signal that corresponds to the transceiver output signal; and

a power supply, carried by the frame, wherein the power supply is configured to provide electrical power to the eyeglass.

39. (Previously presented) The eyeglass of Claim 38, wherein the wireless transceiver is configured to establish a personal area network with the source.

40. (Previously presented) The eyeglass of Claim 38, wherein the wireless transceiver comprises a BLUETOOTH transceiver.

41. (Previously presented) The eyeglass of Claim 38, wherein the source comprises a cellular telephone.

42. (Previously presented) The eyeglass of Claim 38, wherein the source comprises a compressed audio file storage device.

43. (Previously presented) The eyeglass of Claim 38, wherein the electronic control signal is provided to control variable light attenuation of the lens from the interface.

44. (Previously presented) The eyeglass of Claim 38, wherein the first wireless signal represents a caller's voice during a phone call from a cellular phone, and wherein the speaker signal provided by the interface corresponds to the first wireless signal.

45. (Previously presented) The eyeglass of Claim 38, wherein the first wireless signal represents a stereo audio signal received from a digital music source.

46. (Previously presented) The eyeglass of Claim 38, further comprising a microphone supported by the frame and in electrical communication with the interface, wherein the microphone is configured to detect the user's voice when worn by the user and provide a voice signal to the interface, and wherein the second wireless signal corresponds to the voice signal.

47. (Previously presented) The eyeglass of Claim 38, further comprising a memory in electrical communication with the interface, wherein the memory is configured to store digital information provided by the interface.

48. (Previously presented) The eyeglass of Claim 47, wherein the digital information comprises a compressed audio file.

49. (Previously presented) The eyeglass of Claim 47, wherein the digital information corresponds to the first wireless signal received by the wireless transceiver.

50. (Previously presented) The eyeglass of Claim 38, wherein the frame further comprises an internal cavity, and wherein said interface is located within the cavity.

51. (Previously Presented) The eyeglass of Claim 14, wherein the interactive electronics device comprises a BLUETOOTH receiver.

52. (Previously Presented) The eyeglass of Claim 14, wherein the interactive electronics device comprises a BLUETOOTH transceiver.

53. (Previously Presented) The eyeglass of Claim 22, wherein the interactive electronics device comprises a BLUETOOTH receiver.

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54. (Previously Presented) The eyeglass of Claim 22, wherein the interactive electronics device comprises a BLUETOOTH transceiver.